

An image reading system prescans and/or scans a film with magnetic recording and image data to be stored in a film cartridge after the film is developed. The image reading system employs a one-dimensional CCD and is capable of recording/reading retrievable ID numbers on a magnetic recording part. A thumbnail display simultaneously displays all image and magnetic information of all frames of a film, and selected frames to be scanned can be easily identified and compared after obtaining the image data of such film through prescanning. Magnetic recording information and image information are rapidly read during prescanning and selected frames are then scanned with more refinement as compared to the coarse scanning of the film during prescanning.